

Notice to Comply	Application No. 10538534	Applicant(s) Frasch et al	
	Examiner Shaw	Art Unit 1634	

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☒ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). This application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) on the attached Notice To Comply and reiterated below.

In the instant case Figure 4 contains a nucleic acid sequences that is not listed in a Sequence Listing. Patent Applications which contain disclosures of sequences must contain, as a separate part of the disclosure, a paper copy disclosing the sequences, referred to as the "Sequence Listing". Applicants are also required to file a computer readable form (CRF) copy of the "Sequence Listing". Additionally a statement that the content of the paper and computer readable forms are the same must be submitted. For further guidance see MPEP 2422. Further it is noted that where the description of a patent application discuss a sequence that is set forth in the "Sequence Listing", reference must be made to the sequence by use of a sequence identifier, preceded by "SEQ ID NO:" in the text of the description even if the sequence is also embedded in the text. Therefore Applicants are required to identify each nucleic acid sequence in Fig 4 by its SEQ ID NO: in either the brief description of the drawings or the drawings themselves.

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (571) 979-9974

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (571) 272-0871

For CRF Submission Help, call (571) 272-2510

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